

ABSTRACT

An object of the invention is to provide a spiral separation membrane element that can reduce the pressure loss of a feed-side channel and be much less vulnerable to the problem of inhibition or blockage of the flow in the feed-side channel. The spiral separation membrane element includes one or more separation membranes, one or more feed-side channel components, one or more permeation-side channel components, and a perforated hollow core tube around which the separation membranes, the feed-side channel components and the permeation-side channel components are wrapped, wherein the feed-side channel component is a net formed by fusion bonding.